

ABSTRACT OF THE DISCLOSURE

Method of analyzing biological signals, including obtaining a
5 magnetic recording media having an analog biological signal
recorded thereon, using digital processing software to digitize the
biological signal, displaying the digitized biological signal in analog
form on a display, and visually analyzing the biological signal on
the display. The biological signal may be an electrocardiogram.
10 Preferably, independent channel enhancement of the dynamic
range of the analog biological signal is performed prior to digitizing
The displayed biological signal is preferably presented in time
compressed form. Digitizing is performed by sampling the
biological signal at at least approximately 44,100Hz per second per
15 channel and quantization of at least 16-bits per sample per
channel. The digital processing software is preferably digital audio
processing software.